Table 16.9 from (1993TI07): States in ^{16}N from ^{14}N(t, p) [a]

E_x (MeV ± keV)	Γ(keV)	L	J^π
0		3	2^- [f]
0.120 ± 10		1	0^- [f]
0.300 ± 10		3	3^- [f]
0.399 ± 10 [b]		1	1^- [f]
3.359 ± 10	15 ± 5	0	1^+ [f]
3.519 ± 10	$\leq 7 \pm 4$	[d]	
3.957 ± 10	$\leq 7 \pm 4$	2	3^+ [f]
4.318 ± 10	20 ± 5	0	1^+ [f]
4.391 ± 10	82 ± 20	1	1^- [f]
4.725 ± 10 [c]	290 ± 30	1	1^-
4.774 ± 10	59 ± 8	2	2^- [f]
5.053 ± 10	19 ± 6	$(1+3)$	2^-
5.130 ± 10	$\leq 7 \pm 4$	[d]	
5.150 ± 10	$\leq 7 \pm 4$		
5.226 ± 10	$\leq 7 \pm 4$	2	(1, 2, 3) $^+$
5.305 ± 10 [c]	260 ± 30	[d]	
5.520 ± 10	$\leq 7 \pm 4$	(0, 1) + 2 + 4 [e]	
5.730 ± 10	$\leq 7 \pm 4$	$(1, 3) + 4$ [e]	
6.009 ± 10	270 ± 30	1	1^-
6.167 ± 10	$\leq 7 \pm 4$	(3)	(4^-)
6.371 ± 10	30 ± 6	(3)	(3^-)
6.422 ± 10	300 ± 30	0 + (2, 4) [e]	
6.512 ± 10	34 ± 6	0 + (2, 3)	1^+
6.613 ± 10	$\leq 7 \pm 4$	$(2+4)$ or 3	
6.854 ± 10	$\leq 7 \pm 4$	3 or $(2+4)$	
7.006 ± 10	22 ± 5	0(+2)	1^+
7.133 ± 10	$\leq 7 \pm 4$	(3, 2)	
7.250 ± 10	17 ± 5	$(2+4)$ or 3	
7.573 ± 10	$\leq 7 \pm 4$	3 or $(2+4)$	3, 4^-
7.640 ± 10	$\leq 7 \pm 4$	4	(3, 4, 5) $^+$
7.675 ± 10	$\leq 7 \pm 4$	$(1+4)$	

Table 16.9 from (1993TI07): States in ^{16}N from ^{14}N(t, p) [a] (continued)

E_x (MeV $\pm$ keV)	Γ(keV)	L	J^π
7.876 ± 10	100 ± 15	$1 + 4$ [e]	
8.043 ± 10	85 ± 15	$(2 + 4)$ or 3	
8.183 ± 10	28 ± 8	$2(+4)$	(3, 2) $^+$
8.280 ± 10	24 ± 8	(1)	((0, 1, 2) $^-$)
8.361 ± 10	18 ± 8	$(1 + 4)$ [e]	

[a] For references see Table 16.7 in (1982AJ01).

[b] $\tau_m = 5.1 \pm 0.3$ psec.

[c] The errors listed here for E_x for these two broad peaks are probably underestimates (1986AJ04).

[d] Results are ambiguous.

[e] May be a doublet.

[f] Identified with shell-model counterparts.